



4A
Buel

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of

OOWAKI *et al.*

Application Number: 09/839,163

Filed: April 23, 2001

For: LIQUID CRYSTAL DISPLAY DEVICE

Attorney Docket No.: HITA.0050

Unit 2673

Examiner
Shapiro, Leonid

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

RECEIVED

JUN 13 2003

Technology Center 2600

RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.111

Sir:

This is in response to the Office Action dated February 12, 2003, the period response to which has been extended to expire on June 12, 2003, with a one-month extension with appropriate fee filed herewith. Please amend portions the above identified application with the replacement paragraphs/sections/claims as follows:

IN THE SPECIFICATION:

Please replace the first, second and fourth paragraphs of page 24 of the Disclosure currently on file with the following paragraphs:

A. In Fig. 5, reference numeral 153 denotes the shift register circuit included in the control circuit 152, and reference numeral 156 denotes the level shift circuit shown in Fig. 4. Data latch parts 265 represent the input register circuit 154 and the storage register circuit 155 that are shown in Fig. 4. In addition, decoder parts (gray scale voltage selection circuits) 261, amplifier circuit pairs 263, and switching parts 262, 264 for switching the outputs of the amplifier circuit pairs 263 constitute the output circuit 157 shown in Fig. 4.

In this construction, a first switching part 262 and the second switching part 264 are